

### **ABSTRACT**

Systems and methods for refreshing a content display are described. In one described system, a query system obtains from an index a search result associated with a search query. The search result comprises a first article identifier. The query system then determines whether to update a content display using the search result. The query system may use any of several factors to determine whether or not to update the content display, including, for example, the difference between attributes of the first and second article identifiers and activity of a mouse pointer in relation to the content display.